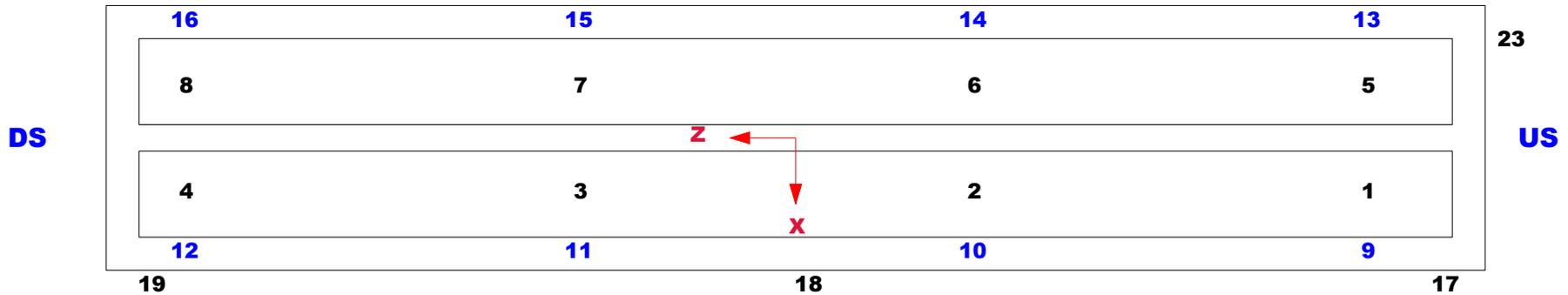


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.034	-0.564	-1489.386
TB 10	430.111	-0.295	-524.183
TB 11	430.127	-0.378	523.951
TB 12	430.158	-0.227	1489.312
TB 13	-430.061	-0.290	-1489.312
TB 14	-430.006	-0.436	-524.004
TB 15	-430.012	-0.160	523.644
TB 16	-430.028	-0.202	1489.591

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.488	135.769	-1665.838
TB 2	98.383	135.899	-555.795
TB 3	98.458	135.913	556.004
TB 4	98.857	135.845	1666.053
TB 5	-98.367	135.894	-1665.872
TB 6	-98.312	135.940	-556.270
TB 7	-98.483	135.959	555.698
TB 8	-98.316	135.883	1665.751
TB 17	472.100	-230.567	-1580.555
TB 18	473.533	-229.039	86.413
TB 19	474.487	-230.199	1578.292
TB 23	-405.018	-229.420	-1708.130



**Grider centerline in reference to Beam Pipe Locating Pins**

Dimensions in MM, Angles in Milliradians



**HGVPU - Pre-Tune Fiducials at 9mm Gap, Tooling Balls**

<b>Nominal Gap :</b>	<b>9.000</b>	<b>US Full :</b>	<b>9.000</b>	<b>DS Full :</b>	<b>9.0000</b>
<b>Nom. Taper :</b>	<b>0.000</b>	<b>US Wall Half :</b>	<b>4.5073</b>	<b>DS Wall Half :</b>	<b>4.5112</b>
		<b>US Aisle Half :</b>	<b>4.5128</b>	<b>DS Aisle Half :</b>	<b>4.5076</b>

<b>S/N</b>	<b>: HXU_027</b>
<b>Date</b>	<b>: 19-SEP-2019</b>
<b>Data Set</b>	<b>: 0001</b>
<b>Run</b>	<b>: 001</b>
<b>Cam Pos.</b>	<b>: B</b>